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CAERLEON URBAN DISTRICT COUNCIL.

THE
PUBLIC HEALTH
REPORT
FOR THE YEAR ENDING 31ST DECEMBER,
1966

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Medical Officer of Health

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Chairman of the Council - Councillor J.H. Waggett

Vice-Chairman of the Council - Councillor C.E. Gough

Members of the Public Health Committee:-

Councillor C.E. Lyne (Chairman)

Councillor Mrs. N. Jordan

Councillor J.T. Kirkwood

Councillor B. Papps

Councillor J.H. Waggett



THE URBAN DISTRICT COUNCIL OF CAERLEON.

Annual Report of the
Medical Officer of Health
for the year ending 31st December, 1966

To the Chairman and Members of the Urban District Council of Caerleon.

Gentlemen,

I have the honour as Medical Officer of Health of your district to submit the Annual Report for 1966. It is compiled according to the directions of the Ministry of Health and includes the Report of the Public Health Inspector.

STATISTICS AND SOCIAL CONDITIONS.

Area (in acres).	2,940
Registrar General's estimate of resident population mid 1966.	5,590
Total Rateable Value at 1.4.66.	£152,749
Number of inhabited houses (end of year) according to rate book.	1,501
Sum represented by penny rate.	£535

The Registrar General's estimated mid-year population for the Urban District, including approximately 470 patients at St. Cadoc's Hospital and 162 Students and Staff at Caerleon College of Education, was 5,590 for 1966. The apparent decrease in population follows the transfer of the Christchurch area of the Urban District, with a population of 600 persons, to the County Borough of Newport. There were 132 live births and 100 deaths 11 live births more and 13 deaths more than those for 1965. The natural increase in population was 32, 3 less than for 1965.

The Registrar General's comparability factors, necessary for the calculation of local adjusted rates, the only statistics comparable with national figures, are 1.02 for births and 0.7 for deaths.



VITAL STATISTICS.

<u>Live Births.</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate.	56	67	123
Illegitimate.	5	4	9
			132
Crude live birth rate per 1,000 population.			23.61
Local adjusted live birth rate per 1,000 population.			24.08
Live birth rate for Monmouthshire per 1,000 population.			17.53
Adjusted live birth rate for Monmouthshire per 1,000 population.			17.88
Live birth rate for England and Wales per 1,000 population.			17.7
Illegitimate live births per cent of total live births.			7.32
Illegitimate live births per cent of total live births for Monmouthshire.			4.93

There were 11 more live births in 1966 than in 1965. The table below shows the consistent increase in births from 1960, when the population was 4,070, to 1966.

<u>Year.</u>	<u>Number of Live Births.</u>
1960	45
1961	64
1962	65
1963	76
1964	115
1965	125
1966	132

The local and adjusted live birth rates exceeded those for Monmouthshire and for England and Wales. Both rates were more than those for 1965, although the Monmouthshire rates and that for England and Wales diminished.

There was one less illegitimate live birth in 1966 than in 1965. Illegitimate live births per cent of total live births were 2.39% more than for Monmouthshire but 1.61% less than for 1965 and more in keeping with the rate for England and Wales.

Still Births.

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate.	--	--	--
Illegitimate.	--	--	--
Stillbirth rate per 1,000 population.			Nil
Stillbirth rate for Monmouthshire per 1,000 resident population.			0.35
Total Live and Still Births			132



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Stillbirth rate per 1,000 total live and stillbirths	Nil
Stillbirth rate for Monmouthshire per 1,000 total live and stillbirths	20.03
Stillbirth rate for England and Wales per 1,000 total live and stillbirths.	15.4

No stillbirths were registered, a compensation for the high stillbirth rate of 1965. It is to be hoped that this favourable state of affairs will continue.

Infant Mortality.

Deaths of infants (under 1 year of age).	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate.	4	1	5
Illegitimate.	-	-	-
	<u>4</u>	<u>1</u>	<u>5</u>
Infant mortality per 1,000 live births.			37.88
Infant mortality for Monmouthshire per 1,000 live births.			24.99
Infant mortality for England and Wales per 1,000 live births.			19.00
Legitimate infant deaths per 1,000 legitimate live births.			40.65
Legitimate infant deaths for Monmouthshire per 1,000 legitimate live births.			24.74
Illegitimate infant deaths per 1,000 illegitimate live births.			Nil
Illegitimate infant deaths for Monmouthshire per 1,000 illegitimate live births.			29.60

There were five infant deaths, four of males and one of a female and three more than for 1965. The infant mortality rate is more than twice that for last year and exceeds the rates since 1961. The rate exceeds that for Monmouthshire by 12.89 infant deaths per 1,000 live births and for England and Wales by 18.88 infant deaths. Two deaths took place at home and 3 in hospital.

Three deaths were of infants aged less than one week, 2 more than in 1965. Each death was due to prematurity. The remaining two deaths were attributed to environmental influences. Infant deaths by age and cause are tabulated below:-

Infant Deaths by Age and Cause.

<u>Cause of Death.</u>	<u>Number of deaths by age.</u>		
	<u>Under 1 week of age.</u>	<u>1 week to 4 weeks of age.</u>	<u>4 weeks to 1 year of age.</u>
Asphyxia due to inhalation of vomit.	-	-	1

Infant Deaths by Age and Cause. (Cont.)

<u>Cause of Death.</u>	<u>Number of deaths by age.</u>		
	<u>Under 1</u> <u>week of age.</u>	<u>1 week to</u> <u>under 4 weeks</u> <u>of age.</u>	<u>4 weeks to</u> <u>under 1 year</u> <u>of age.</u>

Acute Tracheo-bronchitis.

-

-

1

Prematurity.

3

-

-

Neonatal deaths (deaths under 4 weeks of age). Male. Female. Total.

Legitimate.

2

1

3

Illegitimate.

-

-

-

2

1

3

Neonatal mortality per 1,000 live births.

22.73

Neonatal mortality for Monmouthshire per 1,000 live births.

16.06

Neonatal mortality for England and Wales per 1,000 live births.

12.9

Early Neonatal deaths (deaths under 1 week of age). Male. Female. Total.

Legitimate.

2

1

3

Illegitimate.

-

-

-

2

1

3

Early neonatal mortality rate

22.73

Early neonatal mortality rate for Monmouthshire

14.11

Early neonatal mortality rate for England and Wales

11.1

The neonatal and early neonatal mortality rates are as disappointing as the infant mortality rate when compared with the rates for Monmouthshire and England and Wales.

The neonatal mortality rate is 6.67 deaths per 1,000 live births more than for Monmouthshire and 9.83 deaths per 1,000 live births more than for England and Wales. The early neonatal mortality rate is double the rate for England and Wales and 8.62 deaths per 1,000 live births more than for Monmouthshire.

Perinatal Mortality rate (stillbirths and deaths under 1 week of age combined per 1,000 total live and stillbirths). 22.73

Perinatal mortality rate for Monmouthshire.

33.87

Perinatal mortality rate for England and Wales.

26.3

The perinatal mortality rate is not as unfavourable as were the infant mortality, neonatal and early neonatal mortality rates. The rate is 11.14 and 3.57 less than the rates for Monmouthshire and England and Wales respectively.

This rate is one index of the quality of the maternity services and the use made of them by expectant mothers.

Maternal Mortality.

There were no deaths attributed to pregnancy, childbirth or abortion.

Maternal mortality rate per 1,000 total births.	Nil
Maternal mortality rate for Monmouthshire per 1,000 total births.	0.47
Maternal mortality rate for England and Wales per 1,000 total births.	0.25

Deaths.

	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
	49	51	100
Crude death rate per 1,000 population.			17.89
Local adjusted death rate.			12.52
Crude death rate for Monmouthshire.			11.92
Adjusted death rate for Monmouthshire.			13.59
Death rate for England and Wales per 1,000 population.			11.7

Causes of Death at Different Periods of Life.

Cause of Death.

	Total Birth all to Ages 24 yrs.		35 yrs. to 44 yrs.	45 yrs. to 54 yrs.	55 yrs. to 64 yrs.	65 yrs. to 74 yrs.	75 and over.
	Sex						
Malignant Neoplasm, Stomach	M.	4	-	-	1	2	1
	F.	2	-	-	1	-	1
Malignant Neoplasm, Lung, Bronchus	M.	4	-	2	1	1	-
	F.	-	-	-	-	-	-
Malignant Neoplasm, Breast	M.	-	-	-	-	-	-
	F.	2	-	-	1	-	1
Malignant Neoplasm, Uterus	F.	2	-	-	-	2	-
Other Malignant and Lymphatic Neoplasms	M.	2	1	-	-	-	1
	F.	3	1	-	-	1	1
Vascular Lesions of Nervous System	M.	3	-	-	1	1	1
	F.	6	-	-	-	3	3
Coronary Disease, Angina	M.	6	-	-	4	1	1
	F.	3	-	-	-	3	-
Hypertension with Heart Disease	M.	1	-	-	-	1	-
	F.	-	-	-	-	-	-
Other Heart Disease	M.	6	-	-	-	2	4
	F.	6	-	-	-	1	5
Other Circulatory Disease	M.	-	-	-	-	-	-
	F.	1	-	-	-	-	1
Influenza	M.	-	-	-	-	-	-
	F.	1	-	-	-	1	-
Pneumonia	M.	10	-	-	1	3	6
	F.	9	-	-	-	3	6
Bronchitis	M.	5	1	-	1	2	1
	F.	1	-	-	-	-	1

Cause of Death.

	Total Birth all to		35 yrs. to	45 yrs. to	55 yrs. to	65 yrs. to	75 and over
Sex	Ages	24 yrs.	44 yrs.	54 yrs.	64 yrs.	74 yrs.	
Other Diseases of Respiratory System	M.	-	-	-	-	-	-
	F.	1	-	-	-	-	-
Ulcer of Stomach and Duodenum	M.	1	-	1	-	-	-
	F.	-	-	-	-	-	-
Nephritis and Nephrosis	M.	-	-	-	-	-	-
	F.	1	-	-	-	1	-
Other Defined and Ill-Defined diseases	M.	4	2	-	1	-	1
	F.	12	1	1	1	4	5
All other accidents.	M.	3	2	-	1	-	-
	F.	1	-	-	-	-	1
<u>TOTAL ALL CAUSES</u>	M.	49	6	3	11	13	16
	F.	51	3	1	3	19	25

The crude and local adjusted death rates decreased from 1961-65. This year both rates have increased so that the local adjusted death rate exceeds that for England and Wales by 0.82 deaths per 1,000 population. The crude death rate is more than the crude rate for Monmouthshire by 5.97 and the local adjusted death rate is less than the rate for Monmouthshire by 1.07 deaths per 1,000 population.

Forty nine deaths were of males and 51 of females, 13 more total deaths than in 1965. Forty one deaths were of persons aged 75 years and over, 32 deaths were of persons aged 65 to 74 years, and 27 deaths were of persons aged less than 65 years. Twenty nine deaths of persons aged more than 65 years were of males and 44 of females. Of those aged less than 65 years 20 deaths were of males and 7 of females.

Thirty deaths were of patients resident at St. Cadoc's Hospital. Only six of these deaths were of persons aged less than 65 years. The remainder were aged more than 70 years.

Thirty two deaths were attributed to disease of the heart, blood vessels and vascular lesions of the nervous system. These continued to form the largest group of deaths, 32% of total deaths, 16.27% less than in 1965. Sixteen deaths were of males and 16 of females. Twenty seven of these deaths were of persons aged 65 years and over. The remaining 5 deaths were of males of whom four died of coronary disease.

Deaths due to neoplasm formed the next largest group of deaths, although there were an equal number of deaths, 19, attributed to pneumonia. Ten deaths due to neoplasm were of males and 9 of females. Four deaths of males were due to cancer of the lung and only one was of a person aged more than 65 years.

Of the deaths due to pneumonia, 10 were of males and 9 of females. There were 5 male deaths and 1 female death from bronchitis.

THE PREVALENCE AND CONTROL OF INFECTIOUS
AND OTHER NOTIFIABLE DISEASES.

Notifiable diseases are reported in tabular form as for past years.

NOTIFIABLE DISEASES
(OTHER THAN TUBERCULOSIS) FOR 1966.

<u>DISEASE.</u>	<u>CASES NOTIFIED.</u>
Acute pneumonia.	3
Dysentery.	1
Measles.	39
Scarlet Fever.	30
Whooping Cough.	3

Measles remained true to form in 1966 and nationally the year was non-epidemic. In Caerleon there were 39 cases compared with 57 in 1965. Fifteen cases occurred in the first quarter of the year and sixteen in the second quarter.

Thirty cases of scarlet fever were notified, 19 in the first quarter of the year. Three cases of whooping cough, 3 of pneumonia and one of dysentery were notified.

NOTIFIABLE DISEASES.
(OTHER THAN TUBERCULOSIS) FOR 1966.

Diseases by Age Groups.

	Total	Age								
		Under 1 yr.	1-	2-	3-	4-	5-9	10-14	15-24	25- Unknown
Acute Pneumonia	3	-	-	-	-	-	-	1	1	1 -
Dysentery	1	-	-	-	-	-	-	-	1	-
Measles	39	5	9	6	8	6	4	-	-	1
Scarlet Fever	30	-	-	1	1	3	18	4	-	2 1
Whooping Cough	3	-	-	-	-	-	-	1	1	1 -

One Caerleon resident who entered an area in which small pox is endemic was kept under surveillance for 9 days.

Infectious Diseases Reported by Schools.

	Measles	German Measles	Whooping Cough	Scarlet Fever	Influenza
Caerleon Endowed Inf. School	2	1	1	4	-
Caerleon Endowed Jun. School	-	-	-	9	45

Sixty two cases of infectious disease were reported by head teachers. Most cases were of influenza and for the fortnight ending on February 23rd 30 per cent of the Junior School's Pupils were absent. Scarlet Fever was reported in the first quarter of the year.

VACCINATION AND IMMUNISATION.

These services are provided by the County Council at infant welfare clinics and by general practitioners.

The number of children receiving immunisation courses and re-inforcing (booster) injections will be seen from the following tables:-

Year of Birth.	Triple Immunisation		Diphtheria & Tetanus		Tetanus	
	Course	Reinforcing Dose	Course	Reinforcing Dose	Course	Reinforcing Dose
1966	27	3	-	-	-	-
1965	32	36	-	-	-	-
1964	4	7	1	4	-	-
1963	-	2	2	3	-	1
1959-1962	-	-	5	26	1	1
over 16	-	-	-	3	-	2
TOTALS	63	48	8	36	1	4

Parents are encouraged to ensure that their children receive three triple antigen injections at monthly intervals for diphtheria, whooping cough and tetanus before the age of six months. A booster triple injection would follow between the ages of 15 and 18 months. Before children enter school a further booster injection for diphtheria and tetanus is advised.

Poliomyelitis vaccination was made available to children and adults under 40 years of age throughout the year. For children the course of three oral doses at monthly intervals generally follows the triple immunisation course. Children will then be more than six months of age.

SMALLPOX VACCINATION.

The number of children vaccinated or re-vaccinated in 1966 is shown in the following table:-

<u>Age.</u>	<u>No. Vaccinated.</u>	<u>No. Re-Vaccinated.</u>
0-3 months.	-	-
3-6 months.	-	-
6-9 months.	-	-
9-12 months.	2	-
1 year.	39	-
2-4 years.	25	2
5-15 years.	4	23
over 16 years.	-	-
Total.	70	25

TUBERCULOSIS.

Two cases of respiratory tuberculosis were notified in the District during the year. There were no inward transfers from other areas. No deaths from tuberculosis were registered.

At the end of the year 27 cases remained on the tuberculosis register.

	<u>Respiratory.</u>	<u>Non respiratory.</u>
Males.	17	1
Females.	8	1

MASS RADIOGRAPHY SERVICE.

In May, 1966 a mass radiography survey was carried out among students, lecturers and other staff at Caerleon Training College. Details are given below:-

	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Total number examined.	62	127	189
Total found to be abnormal cases.	-	-	-

NATIONAL ASSISTANCE ACT, 1948

Section 47

Removal of Persons in need of care and
attention.

No action was taken under this section during 1966.

GENERAL PROVISIONS OF THE HEALTH SERVICE IN THE AREA.

Public Health Officers of the Authority:-

- (a) Medical Officer of Health who is also Medical Officer of Health for the Cwmbran U.D.C. and Area Medical Officer for the No. 8 Health Area of Monmouthshire County Council.
- (b) Surveyor and Public Health Inspector R. Chadd, M.A.P.H.I., M.R.S.H. F.F.S.

The Committees concerned with Public Health matters are:-

Public Health Committee. General control and advisory function. Sewerage Sewage Disposal. Refuse collection and rodent control.

Works Committee. Building Regulations. Planning. Cleansing and maintenance of roads and new private development.

Recreation Committee. Open Spaces and Cemetery.
Council. Housing.

SANITARY CIRCUMSTANCES OF THE AREA.

I am indebted to the Surveyor/Public Health Inspector for the following report.

General. As seen from the population and acreage figures in this report the Urban Area was reduced in size by the taking over by Newport County Borough, as part of the Caerleon area. The remainder of the area continued to grow as a result of private development, but the rate of growth decreased as the year progressed.

Public Cleansing. Due to the reduction in the number of houses in the district the refuse collection schedule was able to be revised and a possible increase of collection time was avoided. Household refuse continues to be collected once per week and trade refuse twice per week; the collection is still from the kerbside. Tipping is still being carried out at a tip within the Cwmbran U.D.C. area. A new gully/cesspit emptier was delivered early in the year which has enabled the cesspit emptying service to become more efficient.

Clean Air Act. The Urban District is still not part of a smoke controlled area. The Council has no apparatus for carrying out test on atmospheric pollution etc. The problem of smuts being discharged from the local brickworks has not been solved and in September the fall out of these smuts caused so much of a nuisance that the Council decided to take legal advice and Counsel's opinion has been sought with the resultant hope that legal action will be able to be followed.

Schools. With the extensive development in the Lodge Area there is a proposal for the construction of a new junior and infant school. The facilities for juniors and infants are catered for at present by an Endowed School.

Water Supplies. The Newport and South Monmouthshire Water Board are the statutory water undertakers in the area. Councillor C.E. Gough was the Council's representative on the Board. A total of 46 samples for bacteriological examination, all of which were satisfactory, were taken during the year. There are two outlying areas in which it is still thought impracticable to pipe water. There were no standpipe facilities in the area. The number of dwelling houses supplied from the public water mains is 1,386, the estimated population being 4,226 persons.

Cemetery. A public cemetery is maintained by the Council at Cold Bath Road but the number of interments is small. The Council is a Member of the Monmouthshire Joint Crematorium Committee.

Public Swimming Baths. Three samples were taken during the season and the water was proved to be of a satisfactory standard.

Prevention of Damage by Pests Act. The services of the rodent control is still carried out on a part time basis and a number of infestations of a minor nature were dealt with.

Recreation Facilities. The Council have extensive sports, playing and open areas in the area which upon calculation works out at approximately 8 acres per thousand population.

Sewerage and Sewage Disposal. The new works continues to function satisfactorily. Application has been made to the Welsh Office for Phase II of the scheme to partially treat sewage from the District.

Factories. Four inspections under the Factories Act were carried out and the premises found to be satisfactory.

Housing. During the year eleven flats and two shops were completed by the Authority. A total of 83 private dwellings were completed during the year and 46 were under construction. There were a small number of improvement grants, discretionary and standard applied for in the year.

Offices, Shops and Railway Premises Act. There were 13 inspections carried out under this heading, a number of intimation notices were served for minor contraventions. On the whole the standard found was acceptable. There are no major office facilities in the area and the predominance of premises registered are shops and public houses.

HOUSING STATISTICS.

Inspection of Dwelling Houses during the year.

(a) Total number of dwelling houses inspected for defects under the Public Health and Housing Acts	27
(b) Total number of housing inspections	0
(c) Number of dwelling houses found to be in such a state as to be unfit for human habitation	0
(d) Number of dwelling houses (exclusive of those in (c) above) not in all respects reasonably fit	0

Remedy of Defects rendered fit by formal action only.

Action under Statutory Powers.

No action under the statutory powers of the Public Health or Housing Acts was required.

Demolition of unfit Houses.

No action required.

Underground Rooms.

None in area.

Number of Houses Owned by the Local Authority at 31.12.65.

Temporary Houses 20 Permanent Houses 521.541

Rent Act 1957.

No certificates of dis-repair were issued or cancelled during the year.

INSPECTION/AND SUPERVISION OF FOOD.

In all a total of 27 inspections were carried out on food premises in the district, a large number of these were found to be satisfactory but a number had informal action taken and made to comply with the regulations, one had legal action taken in respect of offences under the Food Hygiene Regulations, six summonses were issued and four were proved; fines totaling £40 were imposed.

I am,
Your obedient Servant,

HYWEL G. JENKINS.
Medical Officer of Health.

Council Offices,
Town Hall,
Caerleon, Mon.

Telephone. Caerleon 707/8.

APPENDIX I.

Vital Statistics.

Mothers and Infants

Live Births.

Number.	132
Rate per 1,000 population.	23.61

<u>Illegitimate Live Births.</u> (% of total live births.)	7.32
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Stillbirths.

Number.	Nil
Rate per 1,000 total live and stillbirths.	Nil

<u>Total Live and Stillbirths.</u>	132
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<u>Infant Deaths.</u> (deaths under one year).	5
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Infant Mortality Rates.

Total infant deaths per 1,000 total live births.	37.88
Legitimate infant deaths per 1,000 legitimate live births.	40.65
Illegitimate infant deaths per 1,000 illegitimate live births.	Nil

<u>Neo-natal Mortality Rate.</u> (deaths under four weeks per 1,000 total live births).	22.73
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<u>Early neo-natal Mortality Rate.</u> (deaths under one week per 1,000 total live births.)	22.73
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<u>Perinatal Mortality Rate.</u> (stillbirths and deaths under one week combined per 1,000 total live and stillbirths).	22.73
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<u>Maternal Mortality.</u> (including abortion).	Nil
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Number of deaths.	Nil
Rate per 1,000 total live and stillbirths.	Nil

APPENDIX 2.

FACTORIES ACTS, 1937 to 1959

Part 1 of the Act

1. INSPECTIONS for purposes or provisions as to health (including inspections made by Public Health Inspector).

PREMISES (1)	Number on Register (2)	Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Section 1, 2, 3, 4, and 6 are to be enforced by Local Authority	17	7	-	-
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	1	1	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	-	-	-	-
TOTAL.	18	8	-	-

2. No defects were found.

Part VIII of the Acts.
Outwork
Section 110 and 111

3. There are no outworkers in the District.

